

STEREO MOC Status Report  
Time Period: 2006:324 - 2006:330

STEREO Ahead (STA) Status:

1. No significant Ground System anomalies occurred during this reporting period.
2. Ahead spacecraft performance continues to be very good. The following significant early operations events occurred during this week:
  - The MAG Smooth Roll occurred on day 324 which encompassed 4 continuous rolls followed by a slew of the High Gain Antenna from 89 degrees to 0 and back to 89 degrees.
    - In order to maintain telemetry through the roll, the data rate was reduced to 30kbps. This resulted in not retrieving all the science data from the SSR.
  - The IMPACT SEP/SEP2 instruments were powered on day 325 following their being powered off for the Leonids.
  - Due to SECCHI recording data at greater than 3.6kbps during the phasing orbits, not all instrument partitions were played back on days 326 and 328.

STEREO Behind (STB) Status:

1. No significant Ground System anomalies occurred during this reporting period. One minor anomaly occurred on day 326.
  - On day 326, AOS was 40 minutes late due to a transmitter problem at DSS-45. The track was extended an hour to make up for this and retrieve SSR data.
2. Behind spacecraft performance continues to be very good. The following significant early operations events occurred during this week:
  - The MAG Smooth Roll occurred on day 324 which encompassed 4 continuous rolls followed by a slew of the High Gain Antenna from 89 degrees to 0 and back to 89 degrees.

- o In order to maintain telemetry through the roll, the data rate was reduced to 30kbps. This resulted in not retrieving all the science data from the SSR.
- The IMPACT SEP/SEP2 instruments were powered on day 324 following their being powered off for the Leonids.
- Due to SECCHI recording data at greater than 3.6kbps during the phasing orbits, not all instrument partitions were played back on days 326, 328, and 329.